CDF Setup Guide

["EFF-001", "20090501", "1700", "N/A", "N/A", "W", " ", " ", " ", " ", " ", " ", "E330.2"…]

The CIWQS Data Format (CDF)

An electronic data format consisting of related text files in ASCII format**.**

- ASCII Comma quote delimited file
- Each line of data is equivalent to a single record in the data submission. Each record is made up of distinct fields of information.
- CSV file needed to be zipped in order to upload.
- CSV file named "CDF", Zip file name can be unique.

Valid Values (VVLs):

Various data fields in the CDF require entry of valid values. VVLs are built-in codes that the format requires for certain fields, such as Parameter, Analytical Method and Unit codes. The reason for using specific values for these fields is to standardize the data entry, to ensure data consistency and prevent errors. Freely entered data might contain extra spaces, commas, or dashes that would make meaningful data manipulation and thorough or accurate data searches impossible. A list of the valid values can be found on the "Lookup codes" tab of the PET Tool.

Attributes Key:

1. **C8** is an 8-character alphanumeric field.
2. **N5** is a numeric field with a total of 5 spaces available for numbers and decimals, with no restriction on the number of digits to the right of the decimal point other than the overall field size (e.g., 12345 or 123.4 or 1.234).
3. **D8** is a date field with an expected format of YYYYMMDD (i.e., 20020202).
4. **L1** is a logic field with expected values of "T" (True) or "F" (False).
5. **T4** Time format is 4 digits using a 24-hour military clock without a colon (e.g., 1400 for 2:00 p.m.).
6. **I2** Is an inequality using standard notation (<, >, =, =>, =<)

Field # | Attribute and Length | EDF Name (Common Name)

Field 1, C18, FIELD_PT_NAME (Monitoring Location)

Field 2, D8, YYYYDDMM, LOGDATE (Sample Collection Date)

Field 3, T4, HHMM, LOGTIME (Sample Time)

Field 4, C4, LOGCODE [Always = N/A]

Field 5, C25, SAMPID [Always = N/A]

Field 6, C2, MATRIX (Matrix) [Always = W]

Fields 7 thru **12** [Leave Blank]
- Populate as [" "]

Field 13, C7, ANMCODE (Analytical Method Code) use **VVLs**

Fields 14 thru 17 [Leave Blank]

Field 18, D8, YYYYDDMM, ANADATE (Analytical Date)

Field 19 [Leave Blank]

Field 20, N2, RUN_NUMBER (Run Number)

Field 21 and **22** [Leave Blank]

Field 23, C1, BASIS (Basis Code) use **VVLs**

Field 24 thru **29** [Leave Blank]

Field 30 C2, PVCODE [Always = PR]

Field 31 C7, PARLABEL (Parameter) use **VVLs**

Field 32 N13, PARVAL (Result)

Field 33 I2, PARVQ (Qualifier) use **VVLs**
- Limited to [=, <, <=, >=, ND or DNQ]

Field 34 N13, LABDL (Method Detection Limit)

Field 35 N13, REPDL (Minimum Level)

Field 36 C3, REPDLVQ (If DNQ specified as Qualifier [PARVQ] populate field with "MRL" otherwise blank)

Field 37 [Leave Blank]

Field 38 C10, UNITS (units) use **VVLs**

Field 39 thru 44 [Leave Blank]

Field 45 C2, RLNOTE (QA Code) use **VVLs**

Field 46 thru 53 [Leave Blank]

Field 54 N5, RES_FF_1 (RL)

Field 55 C50, 55 RES_FF_2 (Comments)

Field 56 C25, RES_FF_3 (Data Type) use **VVLs**
- [Single = Analytical/Raw Data]
- [1-Hour Average (Mean) = Calculated Data]

Field 57 C25, RES_FF_4 (Priority Review)

Field 58 [Leave Blank]

Field 59 C50, TMP_PK_FIELD_OPTIONAL (Primary Key)
- [="PARLABEL" + "LOGDATE" + "LOGTIME" + "ANADATE"]